

**FOLDING USB FLASH MEMORY DEVICE
FOR PROVIDING MEMORY STORAGE CAPACITY**

Abstract of the Disclosure

A USB flash memory device connected to a USB bus includes a flash
5 memory module including at least one flash memory, a USB connector for
transferring data packets onto the USB bus and receiving the data packets from
the USB bus, a USB controller for controlling the USB connector according to
the data packets and for controlling storage of data in and retrieval of data
from the flash memory module, a display controller for storing memory
10 storage capacity information of the flash memory module in a usage display
register, a display window for displaying a value that is based on the content
of the usage display register, and a power unit for supplying a power to the
USB flash memory device. The USB connector is configured to be coupled to
the USB bus. The USB flash memory device further includes a folding portion
15 which is proximal to the USB connector and enables the USB flash memory
device to be folded. According to the present invention, data storage
information of the USB flash memory device and additional information such
as current time and data storage time can be visually determined through the
display window, even in cases where the USB flash memory device is not
20 coupled to the host platform. Further, the folding portion of the USB flash
memory device enhances space usability and efficiency.

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